

Re: 0215-EX-PL-2005From: Sochurek, Jan E. [jan.sochurek@ngc.com]
Sent: Tuesday, September 06, 2005 2:16 PM
To: John Kennedy
Cc: vanceschuemann@paulhastings.com; Fremd, Rodney W.
Subject: Re: 0215-EX-PL-2005

John,

In regards to your question about the Peak Effective Radiated Powers for File # 0215-EX-PL-2005 (WD2XTQ), here are the numbers for the various Station Locations, both mobile zones and fixed sites. This license will also cover a small transmitter used as a fixed unit at Georgetown, Delaware.

The below format/listing follows the Station Locations from the most recent WC9XAJ, the STA, that will be replaced by WD2XTQ. Use this layout as a reference guide to go by.

1. Georgetown (Sussex), DE the mobile Peak ERP will be 28.2 kW and the fixed Peak ERP will be 61.1 W (62 W is currently shown on WC9XAJ).
2. Mobile Zone 1, the Peak ERP will be 28.2 kW.
3. Mobile Zone 2, the Peak ERP will be 28.2 kW.
4. Mobile Zone 3, the Peak ERP will be 28.2 kW.
5. Mobile Zone 4, the Peak ERP will be 7.7 kW.
6. Linthicum (Anne Arundel), MD the fixed Peak ERP will be 7.7 kW.

The current STA, WC9XAJ, should be these same listed powers. The STA shows 12.8 W as ERP (Georgetown) and Output Power (all others).

12.8 W is the Average Output Power, 32 W is Peak Output Power of the mobile transmitter of numbers 1 through 4 above, before the antenna gain (31.6 dBi) is figured into the equation. 20 W is the Peak Output Power for the fixed transmitter in number 1, before the antenna gain (7 dBi). 40 W is the Peak Output Power for numbers 5 and 6 above, before the antenna gain (25 dBi).

Sorry for being a little slow in getting this information to you. Thank you for your attention in this matter. If you have any further questions, don't hesitate to contact me.

Regards,

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Coordination Group
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